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## PRODUCT INFORMATION

Resistance to disinfectant and chemical resistance of PrimeBoard XTreme



### RESISTANCE TO DISINFECTANT

PrimeBoard XTreme display high resistance to disinfectants. This permits a regular and thorough cleaning in accordance with applicable hygiene regulations. The surface is also completely closed i.e. free of pores, which means that dirt and germs cannot settle permanently.

The disinfectant resistance is carried out according to DIN 68861-1 / DIN EN 12720 in concentration and application according to the manufacturer's instructions.

The surface is brought into contact with different substances, the duration and conditions of contact are specified in the standard for each substance. At the end of the exposure time the surface is washed up and examined for permanent traces on the surface. The results are categorised into five grades:

- Level 5: No visible change; the test area cannot be distinguished from the adjacent surrounding area.
- Level 4: Slight change of gloss level and/or colour which is only visible under certain viewing angles
- Level 3: Moderate change of gloss level and/or colour
- Level 2: Clear change of gloss level and/or colour
- Level 1: Damage of the surface and/or blistering

If other disinfectants than those listed below are intended to come into contact with PrimeBoard XTreme, their compatibility must be checked in each individual case.

Pfleiderer Lab Test Assessments:

Manufacturer	Product	Level
B. Braun	Melsitt	5
ECOLAB Healthcare	Incidin Plus	5
ECOLAB Healthcare	Magic Maxx	5
etol	Doyen F40	5
Lysoform	Trichlorol	5

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Schülke	Microzid	5
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None of the tested disinfectants led to a change of the PrimeBoard XTreme.

Since the nature and composition of disinfectants are generally not known, it is advisable to remove these substances after the recommended exposure time has been reached. For said reasons a general release of disinfectants is not possible.

Therefore, before first use, a test is advisable at a non-visible point.

## CHEMICAL RESISTANCE

PrimeBoard XTreme is highly resistant to the most common substances of stress group 1B. These are listed in the following table and tested in accordance with DIN 68861-1 / DIN EN 12720.

However, some chemicals can affect the surface. The decisive factors are the concentration of the chemical, the pH value, the exposure time and the temperature.

Since the nature and composition of chemicals are not always known, they must always be removed immediately from the surface.

Substances not causing any alteration on the surface	Exposure ti
<ul style="list-style-type: none"> <li>• Acetone</li> <li>• Ethyl butyl acetate</li> </ul>	10 Sek
<ul style="list-style-type: none"> <li>• Ammonia water</li> <li>• Gasoline</li> </ul>	2 Min
<ul style="list-style-type: none"> <li>• disinfectant</li> </ul>	10 Min
<ul style="list-style-type: none"> <li>• Acetic acid</li> <li>• Citric acid</li> <li>• Cleaning solution</li> <li>• Cleaning agent</li> <li>• Ethyl alcohol</li> </ul>	1 h
<ul style="list-style-type: none"> <li>• Beer</li> <li>• Mustard</li> <li>• Onions</li> <li>• Red wine</li> </ul>	6 h
<ul style="list-style-type: none"> <li>• Blackcurrant juice</li> <li>• Black tea</li> <li>• Butter</li> <li>• Coffee</li> <li>• Coke</li> <li>• Evaporated milk</li> <li>• Olive oil</li> <li>• Water</li> </ul>	16 h

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## PM HPL / Elements / Lacquered boards

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